








Quigmy River viewed from the east.



The entrance to the Quigmy River viewed from the east.

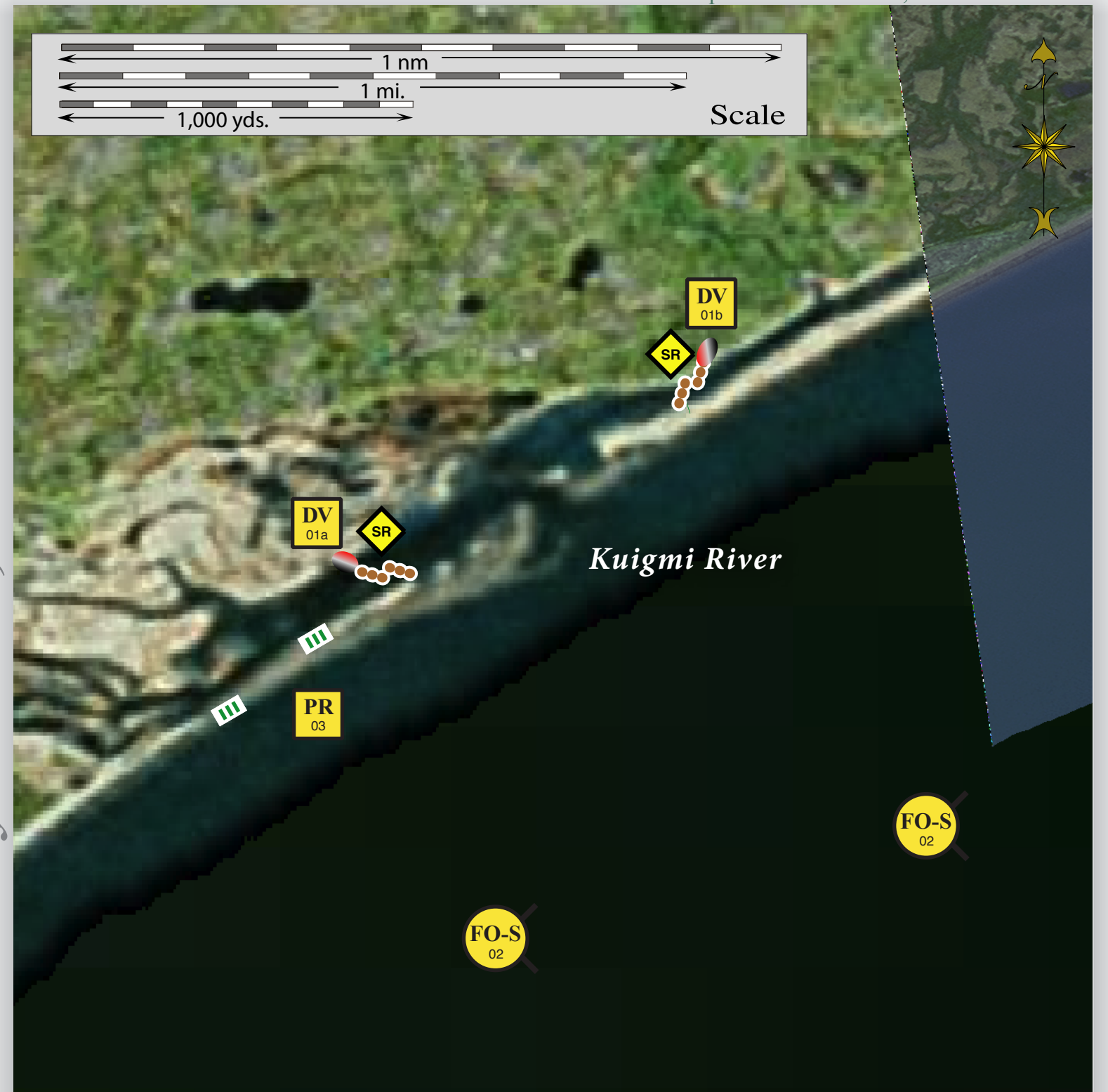
Legend

-  Free-oil Recovery
-  Diversion Booming
-  Passive Recovery
-  Shoreside Recovery
-  Fast-water Boom
-  Snare or Sorbent Boom
-  Tidal-seal Boom

Geographic Response Strategies for Bristol Bay Subarea, Northern Zone

Kuigmi (Quigmy) River, BB-N03

Center of map at 58° 56.86' N Lat., 160° 39.31' W Lon.



This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
N-03-01 <div>DV</div>	Kuigmi (Quigmy) River a. Lat. 58° 57.07'N Lon. 160°39.94'W b. Lat. 58° 57.29'N Lon. 160°29.28'W	Divert and Collect Divert oil to shore side collection location on the shore of the Quigmy River.	Deploy anchors and boom with skiffs (class 6). For (a) cascade 2 x 300 ft sections of fast-water boom at the proper angle to divert incoming oil to the collection sites. For (b) use 450 ft. at the proper angle to divert incoming oil to the collection site. Complete each array with 60 ft. of tidal seal boom on the shore that will be used as a collection site. Set up shore-side recovery and tend throughout the tide. Boom Lengths: a. 600 ft b. 450 ft	Deployment Equipment 1050 ft. fast-water boom 120 ft. tidal seal boom 8 ea. anchor systems 8 ea. anchor stakes 2 ea. shore-side recovery systems Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 6 ea. vessel crew/general techs 2 ea. response techs Tending Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 4 ea. vessel crew/general techs 2 ea. skilled tech	Vessel Platform	Via marine waters Chart 16305	Fish- intertidal spawning- salmon (June-Sept.), capeline, sheefish, white fish Birds-waterfowl, seabird and shorebird concentration Habitat- exposed tidal flats, peat shoreline, marsh, Human use-subsistence, commercial fishing	Vessel master should have local knowledge. Take precautions to protect the shoreline as outlined in the Alaska STAR Manual. A large population of bears are in this area. Bear guard required. Title 41 permitting required from ADNR. Surveyed: not yet Tested: not yet
N-03-02 <div>PR</div>	Kuigmi (Quigmy) River Lat. 58° 56.84'N Lon. 160°40.11'W	Passive Recovery Survey the area prior to deployment. Place passive recovery across entrances to the identified sloughs and other major cuts in the back in Quigmy River.	During the survey identify areas on the spit where oil may enter at high tide. Place and anchor snare line or sorbent boom across the breech areas on the spit in front of Quigmy River. Replace as necessary to maximize the recovery.	Deployment Equipment 1000 ft. +/- snare line or sorbent boom 10 ea. anchor stakes (Adjust equipment to reflect survey findings) Vessels/Personnel/Shift Same as N-03-01 Tending Vessels/Personnel/Shift Same as N-03-01	Vessel Platform	Via marine waters Chart 16305	Same as N-03-01	Vessel master should have local knowledge.
N-03-03 <div>FO-S</div>	Kuigmi (Quigmy) River Nearshore waters in the general area of: Lat. 59° 01.15'N Lon. 160°28.57'W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Quigmy River depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Quigmy River. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Togiak	Via marine waters Chart 16305	Same as N-03-01	Vessel master should have local knowledge. Use extreme caution, shallow waters with shifting channels and bars.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Western Alaska Subarea Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_bb.htm.